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STATISTICS of METROPOLITAN and Provincial General Hospitals for 1862.

THE publication of the statistics of the General Hospitals of London for the year 1862 has been delayed by causes to which it is not necessary here to advert.

It will be seen that the information embodied in the following tables is not complete, inasmuch as no returns have been received from the Middlesex and University College Hospitals. In some instances the returns have been received in a somewhat imperfect state.

A new table, showing the deaths and rates of mortality in St. George's Hospital in the thirty-six years from 1827 to 1862 inclusive, is added to the present statement; and it may be well to state that similar returns from other London hospitals, if forwarded to this Society, will be included in future reports.

Abstracts of the returns from twelve county hospitals and hospitals of the large provincial cities are also added to this report. These summaries will be found to contain valuable information, especially when compared with the statistics of the metropolitan hospitals.

The first report issued by this Society, with an account of the circumstances under which it was prepared and published, will be found in the *Journal* of this Society for September, 1862.

Note.—The following letter has been received from St. Thomas's Hospital:—

"To the Secretary of the Statistical Society.

"Sir,—In forwarding the accompanying statistics on behalf of myself and the Surgical Registrar, Mr. Croft, I would beg your attention to the peculiar circumstances under which St. Thomas's Hospital has been placed during the past year; that the old hospital was closed in July, and that for several weeks previously the number of in-patients gradually dwindled from 460 down to about 28, in consequence of no fresh patients having been admitted; that the new hospital here was opened towards the end of September, at first with very few patients, the number soon increasing to about 190. It is evident, from the great discrepancies between these numbers, that the average number taken for the whole year would by no means represent the real state of things; and on this account we have thought it advisable to refrain from furnishing statements as to the average number resident daily and the mean residence. It will also be evident that the fluctuating numbers resident would also have some effect on the other portions of the statistics.

"I am, Sir,
"Your most obedient Servant,
"J. WALE HICKS."

" St. Thomas's Hospital,
" 30th June, 1863."

Table I.—General Results. (No distinction

Hospital.	Remaining 1st January, 1862.	Admitted during the Year.	Total.	Discharged Well or Convalescent.	Relieved.	
St. Bartholomew's	No. 522 483 452 355	No. 5,389 4,888 2,324 4,164	No. 5,911 5,371 2,776 4,519	No. 4,371 2,443 1,404 1,784	No. 1,525 837 1,762	
St. George's	314 — 136	3,702 — 1,704	4,016 — 1,840	1,599 — 1,046	1,726 — 427	
Westminster King's College University	149 126 —	1,820 1,614	1,969 1,740 —	1,061 916 —	544 404 —	
Royal Free	72 103 14 10	1,254 950 107 111	1,326 1,053 121 121	817 887 73	283 — 33 —	
Totals (so far as returned)	2,736	28,027	30,763	16,401	7,541	

Table II .- Medical and Surgical

	Medical Wards.							
Hospital.	Remaining 1st January, 1862. Admitted during the Year.		Total.	Discharged.	Died.	Remaining 1st January, 1863.		
	No.	No.	No.	No.	No.	No.		
St. Bartholomew's		2,052	2,263	1,679	394	190		
Guy's	204	2,000	2,204	1,723	292	189		
St. Thomas's	193	1,155	1,348	1,121	144	83		
London		1,300	1,400	1,156	135	109		
St. George's	118	1,652	1,770	1,465	193	112		
Middlesex	_		_	_		_		
St. Mary's	61	904	965	805	95	65		
Westminster			[-		-		
King's College	60	906	966	769	122	75		
University	_	_	_	-				
Royal Free	_			_	_	_		
Charing Cross	38	419	457	376	47	34		
Metropolitan Free	7	42	49	44	3	2		
Great Northern	_			-				
$\left. egin{array}{l} ext{Totals (so } far \ as \ returned) \end{array} ight\}$	992	10,430	11,422	9,138	1,425	859		

of Sex; nor of Medical or Surgical Cases.)

Unrelieved.	Discharged for Special Reasons.	Died.	Remaining 1st January, 1863.	Brought in Dead.	Hospital.
No. 236 346 17 35 17 — 21 — 80	No. 218 87 97 253 68 — 50 9 47	No. 605 468 226 318 315 — 164 188 163 —	No. 481 502 195 367 291 132 167 130	No. 19 6 6 11 11 12	St. Bartholomew's Guy's St. Thomas's London St. George's Middlesex St. Mary's Westminster King's College University
43 2 - 797	9 1 839	91 83 6 5 2,632	83 83 7 2 2,440	65	Royal Free Charing Cross Metropolitan Free Great Northern { Totals (so far as returned)

Cases, without distinction of Sex.

		Surgical	Wards.			
Remaining 1st January, 1862.	Admitted during the Year.	Total.	Discharged.	Died.	Remaining 1st January, 1863.	Hospital.
No.	No.	No.	No.	No.	No.	St. Bartholomew's
311	3,337	3,648	3,146	$\begin{array}{c} 211 \\ 176 \end{array}$	291 313	Guy's
279 259	$2,888 \\ 1,175$	3,167	$egin{array}{c c} 2,678 & 1,234 & \end{array}$	88	112	St. Thomas's
255 255	2,864	1,434 3,119	2,678	183	258	London
196	2,061	2,257	1,945	133	179	St. George's
_			_			Middlesex
75	811	886	750	69	67	St. Mary's
			-			Westminster
66	708	774	678	41	55	King's College
_			_	_	_	University
_						Royal Free
65	531	596	511	36	49	Charing Cross
7	65	72	64	3	5	Metropolitan Free
_	-		-		_	Great Northern
1,513	14,440	15,953	13,684	940	1,329	Totals (so far as returned)

TABLE III .- Average Number of Patients and Mean Residence.

All Cases.				Medical	Case	8.	1	Surgical Cases,				
Hospital.	Kesident.		Mean Resi-	Resident.			Mean Resi-	Ave	rage Num Resident.	ber	Mean Resi-	
	Males.	Females.	Total.	dence.	Males.	Females.	Total.	dence.	Males.	Females.	Fotal.	dence.
St. Bartholomew's Guy's St. Thomas's London St. George's	283	No. — 211 — 112 139	No. 544 494 345 307	Days. 40 33 — 30 27	No. — 108 — 55 57	No. 97 44 58	No	Days. 30 33 — 29 24	No. 175 - 177 111	No. 114 69 81	No	Days. 50 33 — 31 30
Middlesex	76 —	64 — — —	140 135	30 - 31 -		86 —	- 65 - -	26 — —	 47 	28 — —	75 —	34
Royal Free Charing Cross Metropolitan Free Great Northern	_	<u>-</u> 5	93 10	32 30 —	- 1½ -	1½ —	_ _ _ 3		 3½ 	$\begin{bmatrix} - \\ - \\ 3\frac{1}{2} \\ - \end{bmatrix}$	- - 7 -	- 37 -
Totals (so far \ as returned) \}	765	531	2,068	Average 32	250½	2361	487	Average 27	513½	2951	809	Average 36

TABLE IV .- Rate of Mortality.

				,					
		All Case	s.	7	Iedical C	ases.	s	urgical Ca	ises.
Hospital.	Males.	Females.	Males and Females.	Males.	Females.	Males and Females.	Males.	Females.	Males and Females.
St. Bartholomew's Guy's	10·1 10·0 7·8	Per cnt. 8:8 7:2 7:3 6:5	Per cut. 10.2 9.6 8.9 7.6 8.7	Per cnt. 15·1 14·0 11· 14·7	Per cnt. 13. 7.9 8.0 8.5	Per cnt. 17'4 14'4 11'3 10'4 11'6	Per cnt. 6.6 6.7 6.2 7.7	Per cnt. 5·4 6·4 6·7 4·4	Per cnt. 5.7 6.1 6.6 6.4 6.4
Middlesex	9.9	7·3 - 7·6 -	9·8 - 8·8	12·8 — 16·0 —	7·2 - 9·0	9.9 - 12.2	7·7 6·0 	7·9 4·0	7·8 - 5·3
Royal Free Charing Cross Metropolitan Free Great Northern	- 6·5 -	- 3·5 -	<u>-</u> 5.0	- 8·3 -	<u>-</u> 4·0	6.0	 2·5 	6.0	4.5
Average (so far as returned)		_	8.6	-		11.4	-	_	6.0

Table V.—Admissions and Deaths in General and Special Wards.

77	General Wards. (Medical and Surgical.)			Special V	Vards.	General and Special Wards.			
Hospital.	Admitted.	Died.	Rate of Mortality.	Admitted.	Died.	Admitted.	Died.	Rate of Mortality.	
St. Bartholomew's Guy's St. Thomas's London St. George's	No. 3,828 — — 3,713	No. 455 — 326	Per cnt	No Nil	No. — 13 — — Nil	No. 4,888 — — 3,713	No. 468 326	9°57	
Middlesex	1,619 1,820 1,626	162 181 163	 10'0 9'94 10'02	— 96 Nil "	– 2 Nil <u>"</u>	1,715 1,820 1,626	164 181 163	9.26 9.26	
Royal Free	 121	- - 6 5	4.9 4.5	— — Nil —	— Nil —	 126 	_ 6 6	6·8 — 4·7	
Totals (so far as returned)	12,838	1,298	Average 8.5	1,136	15	13,888	1,308	Average 8.4	

Table VI.—Number of Admissions and Deaths; and the Death-rate in St. George's Hospital during Thirty-Six Years, 1827-62.

Years.	Admissions.	Deaths.	Rate of Mortality.	Years.	Admissions.	Deaths.	Rate of Mortality.
1827	1,607	210	13·0 11·9	1846 '47	3,375 3,265	276 263	8·1 8·0
'28	1,584 $1,594$	190 240	15.0	'47 '48	3,334	267	8.0
'29 '30	1,572	225	14·3	'49 '50	3,201 2,981	264 232	8·2 7·7
1831	1,613 1,742 1,906 1,991	209 196 218 227 226	12·7 12·1 12·5 11·9 11·3	1851 '52 '53 '54 '55	3,479 3,703	267 252 270 396 336	8·1 7·1 7·7 10·6 9·6
'37 '38 '39 '40	2,694 2,786 3,010	265 312 244 277	9·8 11·2 8·1 8·9	1856 '57 '58 '59	3,530 3,372 3,497	298 304 315 292	8·4 8·6 9·3 8·3
1841 '42 '43 '44 '45	3,141 3,155 3,284	265 235 204 293 295	8·9 7·4 6·4 8·9 9·2	'60 1861 '62	3,646	333 318 326	9·1 8·7 8·7

COUNTY

Table I.—General Results. (No distinction

Hospital.	Remaining 1st January, 1862.	Admitted during the Year.	Total.	Discharged Well or Convalescent.	Relieved.	
York County	No. 49	No. 595	No. 644	No. 348	No. 174	
Devonshire (Buxton,) Derbyshire)	10	728	738	674		
Norfolk and Norwich	104	936	1,040	710	83	
Taunton and Somerset	86	806	892	755	_	
Stockport (infirmary) Gloucester ,,	14 103	290 603	304 706	234 193	20 323	
Royal Isle of Wight (in- firmary)	5	135	140	98	20	
West Sussex, East Hants, and Chichester (infir- mary)	36	321	357	94	180	
Hull General (infirmary)	109	971	1,080	629	43	
Cheltenham	67	531	598	354	125	
Leicester	59	896	955	610	74	
Wolverhampton	53	546	599	245	218	
Totals	695	7,358	8,053	4,944	1,260	

Table II.—Medical and Surgical

			Medical	Wards.		
Hospital.	Remaining 1st January, 1862.	Admitted during the Year.	Total.	Dis- charged.	Died.	Remaining 1st January, 1863.
York County	No. 20	No. 244	No. 264	No. 219	No. 21	No. 24
Devonshire (Buxton,)		_		_	—	
Norfolk and Norwich Taunton and Somerset	38 —	400 —	438	366 —	22 —	50 —
Stockport (infirmary) Gloucester ,,	<u>-</u> 28	<u></u> 204		 190	<u></u>	5 26
Royal Isle of Wight (in-) firmary)		_	-	_	_	_
and Chichester (infirmary)	19	139	158	127	10	21
Hull General (infirmary)	46	438	484	408	38	38
Cheltenham		180	211	183	10	18
Wolverhampton	22	154	176	176	_	_
$egin{array}{ll} ext{Totals} & (so & far & as \ returned) \end{array} brace$	204	1,759	1,963	1,669	117	182

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HOSPITALS.

of Sex; nor of Medical or Surgical Cases.)

Unrelieved.	Discharged for Special Reasons.	Died.	Remaining 1st January, 1863.	Brought in Dead.	Hospital.
No. 29 35 14	No. — 10 66	No. 39 1 44	No. 54 18 114	No. Nil	York County Devonshire (Buxton, Derbyshire) Norfolk and Norwich
49	_	17	71	9	Taunton and Somerset
4	62	23 31	27 93	Nil "	Stockport (infirmary) Gloucester ,, Soyal Isle of Wight (in-
4 3	20	7 20	8 40	"	firmary) West Sussex, East Hants, and Chichester (infirmary)
11 9 44 6	216 36 37 26	69 15 51 51	112 59 139 53	Nil " "	Hull General (infirmary) Cheltenham Leicester Wolverhampton
208	476	3 68	788	9	Totals

Cases, without distinction of Sex.

		Surgical '	Wards.			
Remaining 1st January, 1862.	Admitted during the Year.	Total.	Dis- charged.	Died.	Remaining 1st January, 1863.	Hospital.
No. 29	No. 351	No. 380	No. 332	No. 18	No. 30	York County
-	_	_	_	_	_	Devonshire (Buxton, Derbyshire)
66	536 —	602	50 7 —	31 —	64	Norfolk and Norwich Taunton and Somerset
	399	— 474	 392	 15	22 67	Stockport (infirmary) Gloucester
17	182	<u> </u>	170	10	19	Royal Isle of Wight (infirmary) West Sussex, East Hants, and Chichester (infirmary)
63 36 — 31	533 351 — 392	596 387 — 423	491 341 —	31 5 —	74 41 — —	Hull General (infirmary) Cheltenham Leicester Wolverhampton
317	2,744	3,061	2,233	110	317	Totals (so far as returned)

Table III .- Average Number of Patients and Mean Residence.

	All Cases.				Medical Cases.				Surgical Cases.			
Hospital.	Average Number Resident.			Mean Resi-	Average Number Resident.			Mean Resi-	Average Number Resident.			Mean Resi-
	Males.	Females	Total.	dence.	Males.	Femaler.	Total.	dence.	Males.	Females.	Total.	dence.
York County	No.	No.	No. 61	Days.	No.	No.	No.	Days.	No.	No.	No.	Days.
Devonshire (Buxton,)		_					—	_	_			
Derbyshire) Sorfolk and Norwich Taunton and Somerset.	71 —	50 —	121	42 —	22 —	31 —	53	45 —	48 —	19 —	67	51 —
Stockport (infirmary) Gloucester ,, Royal Isle of Wight \	- 62 8	36	<u>-</u> 98	_	 13	<u> </u>	27	_	<u>-</u>	22	71	=
(infirmary)	-	5 —	37	36	_	_	6 -	_	_	_	-	-
Hull General (infirmary)	60	29	89	28	21	11	32	25	39	18	57	31
Cheltenham	24	32	56	35	7	13	20	20	17	19	36	37
Leicester Wolverhampton	_	=	58	35	=	=	23	_	_	=	35	=
$egin{array}{c} ext{Totals (so far as} \ returned) \end{array} brace$	225	152	533	Average 36	63	69	161	Average 30	153	78	273	Average 39

TABLE IV .- Rate of Mortality.

		All Case	es.	Me	edical C	ases.	Surgical Cases.			
Hospital.	Males.	Females.	Rate of Mortality.	Males.	Females.	Rate of Mortality.	Males.	Females.	Rate of Mortality.	
York County	Per cnt.	Per cnt.	Per ent. 6°0	Per cnt.	Per cnt.	Per cnt.	Per cnt.	Per cnt.	Per cnt.	
Devonshire (Buxton, Derbyshire)	5·7 1·8	4·1 1·3	5°1 2°1	7·8 —	2.8	5.0	4·8 —	6.1	5.1	
Stockport (infirmary) Gloucester ,,	<u>-</u> 5·7	3.9	7°9 5°0	 10·9	4.1	=	3.6	3.7	_	
Royal Isle of Wight (in- firmary)	7·7 6·9	·5 5·0	5°0	8·3	1·6 5·1	10.0	1·2 5·8	4.8	1.3	
mary)		4.0	6.0	9.2	4.7	7.7	5.2	5.0	5.2	
Cheltenham Leicester Wolverhampton	=	_ _ _	3.0 5.7 9.3	- - -	- -	2.0	= =	=	1.0	
Average (so far as returned)	_	_	5.6	_	_	6.3	_	_	3.6	

Table V.—Admissions and Deaths in General and Special Wards.

T with		neral Wai al and Su		Special V	Vards.	General and Special Wards.		
Hospital.	Admitted.	Died.	Rate of Mortality.	Admitted.	Died.	Admitted.	Died.	Rate of Mortality
York County Devonshire (Buxton, Derbyshire) Norfolk and Norwich* Taunton and Somerset	No. 595	No. 39	Per cnt.	No. Nil	No. Nil	No. 595	No. 39	Per cnt.
	739	1	٠,	,,	,, -	739	1	.1
	936 806	48 17	5°1 2°1	,, 45	"	936 851	48 17	1,0 2,1
Stockport (infirmary)	290 706	23 31	7'9 4' 3	Nil "	Nil "	290 706	23 31	7'9 4'3
	135	7	5.1	"	"	135	7	5.1
	321	20	6.3	,,	"	321	20	6.3
Hull General (infirmary)	_			_	_			_
Cheltenham	_				-	-		-
Leicester Wolverhampton	_	_	_	_	_	_		=
$egin{array}{lll} ext{Totals} & (so & far & as \ returned) & \end{array} ight\}$	4,528	186	4.6	45	Nil	4,573	186	4.6

Note.—In all these tables the blanks (—) must be understood to imply an absence of information. The information comprised in Table V respecting special wards, was supplied by the several hospitals in answer to a circular letter sent by the honorary secretaries of the Statistical Society. The inquiry was suggested by the wide differences existing in the rates of mortality in hospitals having many circumstances in common.

* Norfolk and Norwich Hospital,

	Table for 22 Years.				Table	e for 90 Y	ears.†
		Total Deaths.	Rate of Mortality (Yearly Per- centage.)			Total Deaths.	Rate of Mortality (Yearly Per- centage).
Total number of in-patients admitted during the last 22 years	18,112	859		Total number of in- patients admitted during the last 90 years	52,199	2,936]
Average number of in-patients admitted yearly	823	Average Yearly.	4.7	Average number of in-patients admitted yearly	5 80	Average Yearly.	5.5

† This table includes 22 years of the previous table.